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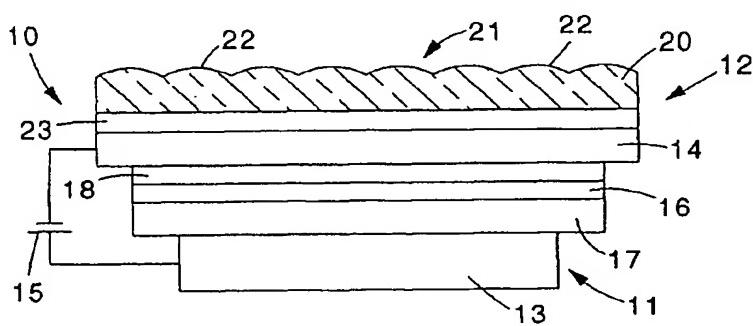
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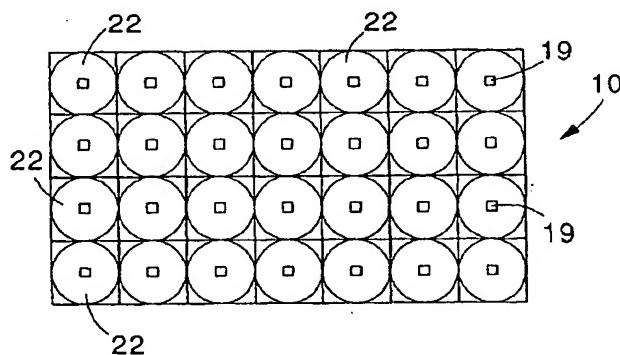
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(54) Title: OPTICAL LIGHTING DEVICE AND METHOD TO PRODUCE LIGHTING DEVICES ADOPTING SAID OPTICAL DEVICE



(57) Abstract: Lighting device and method to make it. The device comprises a light source (11) including a positive electrode (14) and a negative electrode (13) between which a luminescent layer (16, 17) is located. On the outer side of the multi-layer structure there is a substrate (20) which diffuses the light generated by the luminescent layer (16, 17). A lenticular optical element (21) is associated with a face of the substrate (20) and is obtained by means of molding in a single piece in the substrate (20). The optical element (21) consists of micro-lenses (22) each one cooperating with a relative point of light emission (19) to direct and shape the relative ray of light emitted.



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